

DRAFT OUTLINE
NPRM
SERVICE INFORMATION REGULATION
REVISIONS

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Information Dissemination

- Current regulations
- Proposed revisions
 - Internet

Web Site Requirements

- Effective 1/1/01
 - Exceptions
 - ~ Produce < 5,000 vehicles annually — until 1/1/02
 - ~ Produce < 1,000 vehicles annually — exempt if acceptable alternative
- English
- J2008 not required
- Common terminology J1930
- MYs included
 - TBD
 - For 1994 and later MY not covered
 - ~ Maintain FedWorld or move to web site
- Upload information within 3 months after model introduction
- Information to be included
 - Manuals, TSBs, wiring diagrams, training
 - Diagnostic procedures
 - ~ Can't require connection to vehicle to access
 - Vehicle strategies that set-off MIL
 - ~ Enable criteria (specify what engine operating conditions are necessary for a monitor to conduct a pass/fail self-test)
 - ~ Fault identification logic diagrams (detail steps OBD system follows to determine the condition (pass/fail) of particular monitor or system)
 - ~ Component operating ranges
 - Provided by OEM contractors/vendors to OEM or dealerships
 - Interactive, multimedia CDs for MY 1996 and later by 1/1/02
 - Streaming video
- Additions, deletions, corrections weekly
 - Specify day?

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- Home page
 - Accessible to anyone
 - Instructions on accessing information
 - Cost and payment options
- Reasonable cost
 - Meaning of cost
 - Factors for evaluating (e.g., cost to develop internally v. third party)
 - Per use and subscription
- Hyperlinking
- No use of proprietary hardware, software, viewers, browsers, and formats
- Establish & maintain own web site or contract with third party
 - OEM responsible
- Web site approved by Administrator
 - Future changes if no harm to end user
- Provide electronic version of database to information intermediaries (not just allow intermediaries to have access to web site)
 - Not responsible for accuracy unless fee charged to intermediary
- Other mediums not required
- Web site performance

Web site performance

- Average download time
- Appropriate screens per search
- Access information by
 - Model, model year, key words and phrases, diagnostic procedures, VIN, fault codes
 - Can't require VIN to access database
- Rapid identification of latest calibration
- Hardware requirements (e.g., server capacity) or conduct assessment

Web Site Assessment Option

- Third party
- Currently used by some OEMs
- Provides reports as requested (e.g., monthly, quarterly)
- Protection against complaints
- Opportunity to correct problems
 - TBD
 - ~ How far below the mean
 - ~ How much time to correct
 - ~ How often before being in violation/other factors to consider
 - ~ What to do while being corrected

Training via Satellite and Internet

- Notification on web site one week prior to scheduled time
 - Course title
 - Time scheduled
 - Recommended skill level and/or suggested prerequisite courses
 - Price
 - Mechanism for payment
 - Information needed to register and receive transmission
 - Via satellite or Internet
- Options
 1. Directly provided by OEMs
 - Requires release of transmission codes, etc.
 2. Provide to third party that transmits it to aftermarket
 - Collect royalties based on number of viewers or advertising revenue

Definition of emission-related

- Current regulations
- Proposed changes
 - Clarify confusion among manufacturers
 - Review components and systems covered
 - Includes all information needed to service/repair
 - ~ Must be able to program a new **ECU**/reprogram existing ECU **AND** start the vehicle (e.g., anti-theft systems)

Reprogramming

- Current regulations
- Proposed changes
 - Black Box (aka "pass through")
 - Effective date TBD
 - MYs included TBD

Generic and Enhanced Information

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- Current regulations
- Proposed changes
- Provide generic and enhanced information in English
 - Effective 30 days after FR published
 - 94 and later OBD II vehicles
 - To include: (see attachment)
 - ~ Data stream
 - ~ Bi-directional control (e.g., operation of valves, initiation of self-checks, etc.)
 - Include safe precautions necessary before invoking control
 - ~ Description of logic and performance limits/specifications used in
 - ~ OEM-specific tools to perform diagnostic routines/subroutines (e.g., injector balance test, etc.)
 - Uploaded to secure web site in specific format (including handwritten notes)
 - ~ ETI or other 3rd party
- Make all OEM-specific diagnostic tools available for sale
 - Effective 30 days after FR publication
 - Provide direct (OEM) or indirect (3rd party) support
 - Read-out
 - Cost
 - "Decontent" tools
 - ~ Impact on cost
 - ~ Review by Administrator

OTHER

- Special tools
 - Make tool available and provide information to equipment and tool companies
- Responsibility for compliance
 - Own ≥ 50%
- Heavy-duty

- CAN

Comment in writing or by e-mail by October 15th

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